

MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1448B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	09/560.779	
			Filing Date	04/28/2000	
Date Submitted: May 2, 2003			First Named Inventor	Danne L. Buchanan	
			Group Art Unit	3628	
(use as many sheets as necessary)			Examiner Name	Nga B. Nguyen	
			Attorney Docket Number	057898-0102	
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
nm	A1	4,974,878		Josephson	12/04/1990	
nm	A2	4,948,174		Thomson et al.	08/14/1990	
nm	A3	4,731,524		Brooks	03/15/1988	
nm	A4	4,730,767		Gendron	03/15/1988	
nm	A5	4,850,978		Hudson et al.	03/17/1987	
nm	A6	4,264,808		Owens et al.	04/28/1981	
nm	A7	4,858,121		Barber et al.	08/15/1989	
nm	A8	5,121,945		Thomson et al.	06/16/1992	
nm	A9	5,237,159		Stephens et al.	08/17/1993	
nm	A10	5,168,444		Cukor et al.	12/01/1992	
nm	A11	5,265,007		Barnhard, Jr. et al.	11/23/1993	
nm	A12	5,373,550		Campbell et al.	12/13/1994	
nm	A13	5,412,190		Josephson et al.	05/02/1995	
nm	A14	5,444,794		Uhland, Sr.	08/22/1995	
nm	A15	5,508,691		Bednar et al.	04/09/1996	
nm	A16	5,532,484		Josephson et al.	07/02/1996	
nm	A17	5,689,579		Josephson	11/18/1997	
nm	A18	5,691,524		Josephson	11/25/1997	
nm	A19	5,708,810		Kern et al.	01/13/1998	
nm	A20	5,783,808		Josephson	07/21/1998	
nm	A21	5,784,810		Copeland, III et al.	07/21/1998	
nm	A22	5,793,302		Stambler	08/11/1998	
nm	A23	5,802,498		Comesanas	09/01/1998	
nm	A24	5,819,236		Josephson	10/08/1998	
nm	A25	5,832,484		Houvenier et al.	11/03/1998	
nm	A26	5,864,871		Kitain et al.	01/26/1999	
nm	A27	5,870,725		Bellinger et al.	02/09/1999	
nm	A28	5,893,078		Paulson	04/06/1999	
nm	A29	5,895,453		Cook	04/20/1999	
nm	A30	5,904,844		Stone	05/18/1999	
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nm	A32	5,917,965		Cahill et al.	06/29/1999	
nm	A33	5,938,541		Stambler	08/10/1999	
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nm	A36	6,019,282		Thompson et al.	02/01/2000	
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nm	A42	2003/0009420	A1	Jones	01/09/2003	
nm	A43	2003/0023557	A1	Moore	01/30/2003	

Examiner Signature	<i>Nga B. Nguyen</i>	Date Considered	10/17/03
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 2, 2003 (use as many sheets as necessary)				Complete If Known	
				Application Number	09/560,779
				Filing Date	04/28/2000
				First Named Inventor	Danne L. Buchanan
				Group Art Unit	3628
				Examiner Name	Nga B. Nguyen
				Attorney Docket Number	057898-0102
Sheet	2	of	2		

U.S. PATENT DOCUMENTS					
		U.S. Patent Document			
<i>mm</i>	A44	2003/0033252	A1	Buttridge et al.	02/13/2003
<i>mm</i>	A45	2003/0050889	A1	Burke	03/13/2003

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
mm	A46	EP	0 661 654	A2	International Business Machines Corporation	11/15/1994		
mm	A47	CA	2,131,667	A1	International Business Machines Corporation U.S.A.	09/08/1994		
mm	A48	WO	97/22060	A1	Financial Services Technology Consortium	12/12/1996		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume:issue number(s), publisher, city and/or country where published.	T ²	

Examiner Signature	<i>Nga Nguyen</i>	Date Considered	10/17/03
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449B/PTO

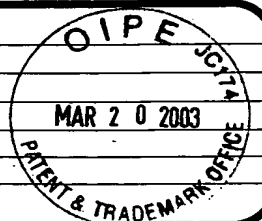
Date Submitted: March 18, 2003

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/560,779
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First Named Inventor	Danne L. Buchanan
Group Art Unit	3628
Examiner Name	Nga B. Nguyen
Attorney Docket Number	057898-0102

[illegible][illegible]

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
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Examiner
Signature

Ngan Nguyen

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